

GRAINGER W W INC  
Form 4  
November 30, 2011

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL  
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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
SLAVIK JAMES D

(Last) (First) (Middle)  
100 GRAINGER PARKWAY  
(Street)

LAKE FOREST, IL 60045-5201

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
GRAINGER W W INC [GWW]

3. Date of Earliest Transaction  
(Month/Day/Year)  
11/30/2011

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock	11/30/2011		M		1,650 A \$ 54.61	1,079,842	D
Common Stock	11/30/2011		M		1,980 A \$ 45.5	1,081,822	D
Common Stock	11/30/2011		M		1,670 A \$ 54.14	1,083,492	D
Common Stock	11/30/2011		S		5,300 D \$ 180	1,078,192	D
Common Stock						68,847	I

See Footnote (1)

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Common Stock		1,044,490	I	See Footnote <u>(2)</u>
Common Stock		1,635,760	I	See Footnote <u>(3)</u>
Common Stock		87,306	I	See Footnote <u>(4)</u>
Common Stock		688	I	See Footnote <u>(5)</u>

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

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**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Amount or Number of Shares	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Units	<u>(6)</u>					<u>(7)</u>	<u>(7)</u>	Common Stock	14,380
Stock Option	\$ 54.61	11/30/2011		M	1,650	04/24/2002	04/23/2012	Common Stock	1,650
Stock Option	\$ 45.5	11/30/2011		M	1,980	04/30/2003	04/29/2013	Common Stock	1,980
Stock Option	\$ 54.14	11/30/2011		M	1,670	04/28/2004	04/27/2014	Common Stock	1,670

## Reporting Owners

Reporting Owner Name / Address

Relationships

Reporting Owners

